

Pro-Watch® Video Manager

www.honeywellintegrated.com

VIDEO MANAGEMENT SYSTEM

Honeywell's latest innovation in the field of video management and surveillance technology offers integration of legacy analog video with IP-network cameras and recorders, including advanced video analytics. Users can benefit from using traditional analog systems and IP-network systems at the same time to ensure maximum use of their initial investments. Additionally, operators can now experience video security with maximum efficiency and minimum effort.

Honeywell's Pro-Watch Video Manager controls multiple sources of video subsystems in a facility to collect, manage and present video in a clear and concise manner. Pro-Watch Video Manager intelligently determines the capabilities of each subsystem across various sites, allowing video management of any analog or digital video device through a unified configuration and viewer. The subsystems can be analog switchers such as MAXPRO-Net and VideoBloX, and can be connected to analog monitors and cameras as well as digital devices such as Digital Video Manager (DVM), Enterprise NVR, Rapid Eye™ Multi-Media Series and Fusion.

Pro-Watch Video Manager's client-server is highly scalable and users can easily expand or downsize the video surveillance network as required. Using an open architecture framework, Pro-Watch Video Manager is able to integrate with existing video infrastructures and a multitude of third-party components available now and in the future. Additionally, Pro-Watch Video Manager includes integration with Honeywell Pro-Watch® security management system, Active Alert® and People Counter video analytics, and other Honeywell products and solutions.

Market Opportunities

Pro-Watch Video Manager is ideal for facilities requiring at-risk critical infrastructure protection such as airports, seaports, large multi-site commercial buildings, casinos, and other high-profile facilities. It is the perfect client-server video management solution for locations requiring the use of both digital and analog technologies.

Features

- Feature-rich and user-friendly interface to view video and configure devices from a single point
- Integrates with Pro-Watch to enable superior access control with wide range of video capabilities
- Role-based operator privileges carry out various surveillance actions
- Operator messaging feature enables data sharing of incidents among operators
- Auto-discovery of cameras connected to Rapid Eye, Fusion and Enterprise recorders
- User-defined macros to execute common operations
- Video pursuit made possible by simplifying the process of motion detection through a set of surrounding cameras
- Digital zoom of video from PTZ and fixed cameras
- Ability to investigate events and alarms by simultaneously viewing alarm videos at various stages. For every alarm, users can view the video captured during pre-alarm, on-alarm, post-alarm, and also view live video from the camera which triggered the alarm
- Enriched video viewing experience through the intuitive video rendering engine that optimizes CPU utilization by altering the video frame rate



MAXPRO View 2x2



MAXPRO View 1+5

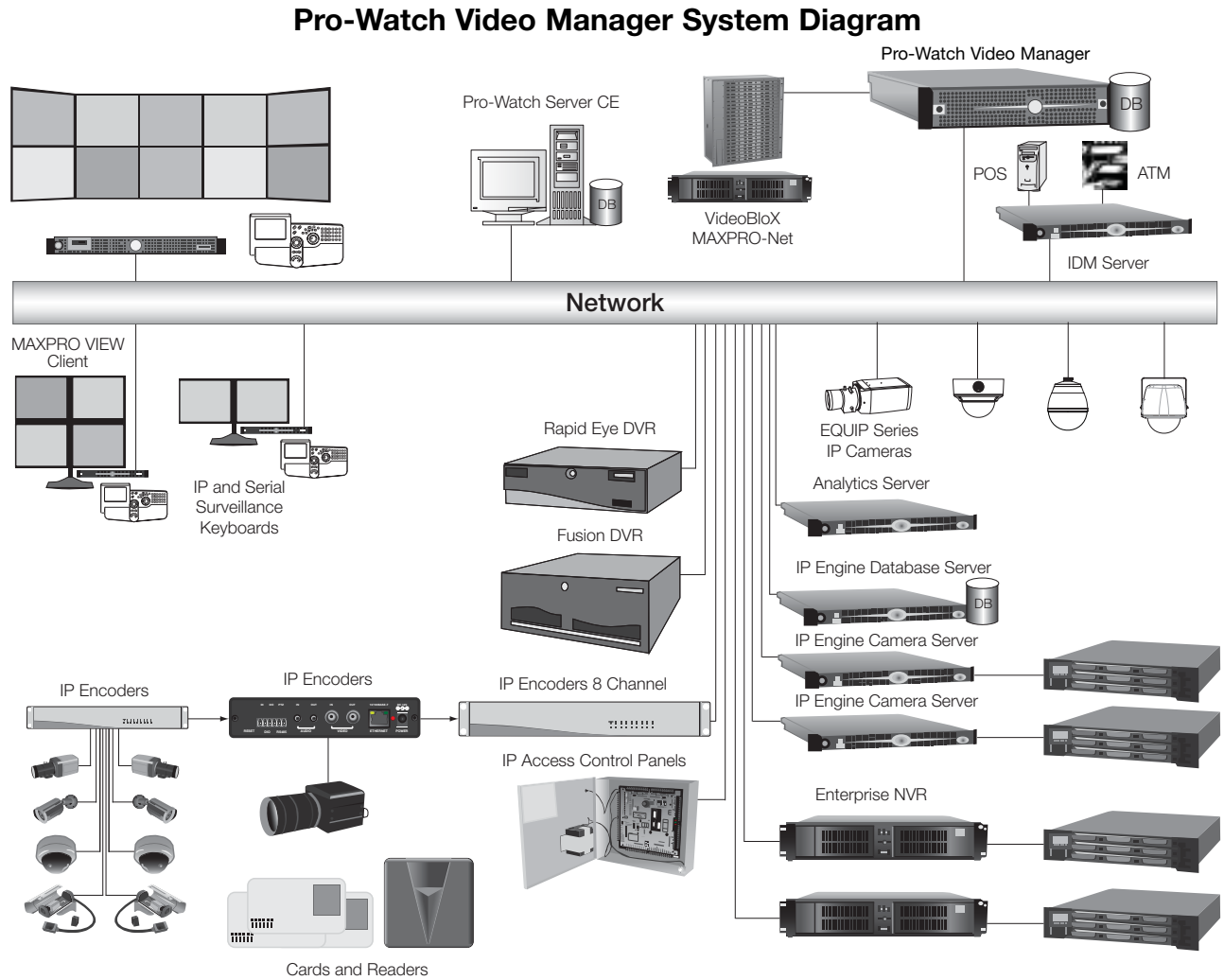
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ARCHITECTURE

Pro-Watch Video Manager is based on client-server architecture for maximum flexibility, customization and integration. The Pro-Watch Video Manager client enables the monitoring of sites and the configuration of video devices such as cameras, monitors, keyboards, etc. The Pro-Watch Video Manager server consists of the Pro-Watch Video Manager framework controller and database, and other core components.

The following diagram illustrates the Pro-Watch Video Manager architecture and associated components:



TECHNICAL SPECIFICATIONS

| Specification for the Pro-Watch Video Manager Standard Server | |
|---|--|
| Processor | Dual Core Intel Xeon® 3.0 GHz |
| Memory | Minimum 4 GB of RAM |
| Hard Disk | Two separate hard drives or two sets of RAID arrays 10K RPM SATA 150 GB or 10K-15K RPM SAS 146 GB |
| Secondary Storage | DVD-R drive and a 3.5" 1.44 MB floppy disk drive |
| NIC | 1 Gigabit network interface card or compatible pair |
| Keyboard / Mouse | 12 function-key keyboard and mouse |
| Graphics Adapter | Display adapter that supports 32-bit color or higher |
| Operating System | Windows Server 2003 R2 (32-bit only) |
| Monitor Resolution | 1280x1024 pixels; 65K colors non-interlaced |
| Specification for the Pro-Watch Video Manager Standard Client | |
| Processor | Intel™ Core®2 Duo 3.00GHz Dual Core 3.00GHz/1333MHz/4MB L2 |
| Memory | Minimum 4 GB of RAM |
| Hard Disk | Single separate hard drive or one RAID array utilizing 10K RPM SATA 150 GB or 10K-15K RPM SAS 146 GB |
| Secondary Storage | DVD-RW drive and a 3.5" 1.44 MB floppy disk drive |
| NIC | 1 Gigabit network interface card |
| Keyboard / Mouse | 12 function-key keyboard and mouse |
| Graphics Adapter | Display adapter - Direct X 9 compatible 128MB per monitor or greater |
| Operating System | Microsoft® Windows XP Professional SP2 (32-bit only) |
| Monitor Resolution | 1280x1024 pixels; 65K colors non-interlaced |

| Specification for the Pro-Watch Video Manager Performance Server | |
|--|--|
| Processor | Quad Core Intel® Xeon® 3.0 GHz |
| Memory | Minimum 4 GB of RAM |
| Hard Disk | Two separate hard drives or two sets of RAID arrays 10K RPM SATA 150 GB or 10K-15K RPM SAS 146 GB |
| Secondary Storage | DVD-R drive and a 3.5" 1.44 MB floppy disk drive |
| NIC | 1 Gigabit network interface card or compatible pair |
| Keyboard / Mouse | 12 function-key keyboard and mouse |
| Graphics Adapter | Display adapter that supports 32-bit color or higher |
| Operating System | Windows Server 2003 R2 (32-bit only) |
| Monitor Resolution | 1280x1024 pixels; 65K colors non-interlaced |
| Specification for the Pro-Watch Video Manager Performance Client | |
| Processor | Intel™ Core®2 Extreme 3.00GHz Quad Core 3.00GHz/1333MHz/12MB |
| Memory | Minimum 4 GB of RAM |
| Hard Disk | Single separate hard drive or one RAID array utilizing 10K RPM SATA 150 GB or 10K-15K RPM SAS 146 GB |
| Secondary Storage | DVD-RW drive and a 3.5" 1.44 MB floppy disk drive |
| NIC | 1 Gigabit network interface card |
| Keyboard / Mouse | 12 function-key keyboard and mouse |
| Graphics Adapter | Display adapter - Direct X 9 compatible 128MB per monitor or greater |
| Operating System | Microsoft® Windows XP Professional SP2 (32-bit only) |
| Monitor Resolution | 1280x1024 pixels; 65K colors non-interlaced |

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ORDERING INFORMATION

| Pro-Watch Video Manager Corporate Edition | |
|---|--|
| HNMSWPWVM | Pro-Watch Video Manager CE (1) HNMSWVMS Base Software includes: MAXPRO VMS, SQL 2005 Express, Includes Licenses for One (1) MAXPRO VIEW Client, with 64 Channels interface to, Rapid Eye DVR, Fusion DVR, DVM R210 (Digital Video Manager) / IP Engine, Enterprise NVR, MAXPRO-Net Series Analog Matrix Switch (1) HNMUGPWCE Upgrade to Pro-Watch Video Manager CE |
| HNMSWVMS | MAXPRO VMS Base Software includes: MAXPRO VMS, SQL 2005 Express, Includes Licenses for One (1) MAXPRO VIEW Client, with 64 Channels interface to, Rapid Eye DVR, Fusion DVR, DVM R210 (Digital Video Manager) / IP Engine, Enterprise NVR, MAXPRO-Net Series Analog Matrix Switch |
| HNMUGPWCE | Upgrade MAXPRO VMS to Pro-Watch Video Manager CE |
| HNM64 | Additional 64 Honeywell Channels |
| HNM128 | Additional 128 Honeywell Channels |
| HNM256 | Additional 256 Honeywell Channels |
| HNM512 | Additional 512 Honeywell Channels |
| Pro-Watch Video Manager Professional Edition | |
| HNMSWPWDVR | Pro-Watch Video Manager PE (1) MNMSWMMVMS Base Software includes: MAXPRO VMS Lite, SQL 2005 Express, Includes Licenses for One (1) MAXPRO VIEW Clients, with 64 Channels interface to, Rapid Eye DVR & Fusion DVR, DVM R210 / IP Engine, Enterprise-Net Series Analog Matrix Switch. Expandable up to a maximum of 3 Clients and 128 Channels. (1) HNMUGPWPE Upgrade MAXPRO VMS Lite to Pro-Watch Video Manager PE |
| HNMSWVMSLT | MAXPRO VMS Lite Base Software includes: MAXPRO VMS Lite, SQL 2005 Express, Includes Licenses for One (1) MAXPRO VIEW Client with 64 Channel interface to Rapid Eye DVR & Fusion DVR, DVM R210 / IP Engine, Enterprise-Net Series Analog Matrix Switch. Expandable up to a maximum of 3 Clients and 128 Channels. |
| HNMUG | Upgrade MAXPRO VMS Lite to MAXPRO VMS |
| HNMUGPWPECE | Upgrade Pro-Watch Video Manager PE to Pro-Watch Video Manager CE |
| HNMUGPWPE | Upgrade MAXPRO VMS Lite to Pro-Watch Video Manager PE |
| HNM64 | Additional 64 Honeywell Channels |
| Pro-Watch Video Manager Client Software | |
| HNMSWCL | VMS Client License |

Channel refers to any combination of NVR/DVR or Matrix Input.

Honeywell Security & Data Collection

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L/PWVIDMGRD/D
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